



LIVE STREAM INFO

Capture:

The church needs a video and audio capture system. It is important to have a camera(s) mounted on tripods and microphones for the speaker (using a room mic on a camera is not acceptable). The system can be very basic with only one camera, or it can be mixed through a switcher. Audio might be taken out of a soundboard that feeds the house system. In most cases, it is cost prohibitive for GNTV to provide equipment and staff to a local church for the capture portion. *However, we have sent out single camera setups to use with a house sound system to stream events before. The cost for the camera package is \$250 plus shipping both ways. GNTV could provide staff for a simple production for \$1,000 plus travel per day but prices vary and we would be happy to work with any church needing help.*

Encoding:

Video and audio signal will need to be sent into the computer and encoded. A computer with an input from the capture system is needed. Normally we like to use firewire from the camera or switcher (this typically means the audio and video enter the computer over a firewire cable). There are other options if a computer does not have firewire that cost about \$100 to purchase and input the signal to the computer via USB. Once the signal is going to the computer, you can use Adobe Flash Media Encoder to convert the signal for streaming to the host server provided by GNTV. GNTV can provide a computer for a local church equipped with firewire input or USB capture device at a cost of \$125 plus shipping both ways. This would allow a church like St. Luke's to stream without a computer. However, these computers can be purchased for around \$500 these days and we would encourage churches to purchase.

Internet Connection:

The most important part of this is the upload speed of your internet connection. You need a system that tests at faster than 1.0 Mbps. Preferred speeds are about 3.0 Mbps (the faster your upload the better the quality of video you get). It is very critical that the computer from the Encoding step above have a wired internet connection (wireless drops frames and causes stuttering on the viewer's end). GNTV cannot provide this internet service.

Hosting:

GNTV provides hosting services for local churches to stream their work. Much like we do for annual conference sessions we believe in providing for the full needs which include hosting AND licensing for the music in the service. It is important also to make sure ads don't distract from your stream. One recent church we worked with had ads for adult stores on the screen as the topic was relationships and their free service paired this with an ad. GNTV's hosting is capable of supporting a few viewers or many. The big challenge to church video on the web is making it consistent. We have found many churches that start with great intentions but then don't continue doing this regularly. This intermittent service is very disruptive to viewers and decreases those who will watch.

GNTV packages including hosting and music licensing are available:

Weekly Service Streaming: \$59 per month for churches with less than 1,000 on Sunday morning (larger churches are variable based on size). This plan requires a 3-month initial commitment and provides up to 200 GB of Data Transfer per month. This package meets most churches needs and is based upon a 1500 kbps stream with a video window of 640 x 480. HD (additional setup costs) and other qualities of a stream are supported.

Event Costs: \$400 for one-day events for United Methodist Institutions. This plan requires advance payment and provides up to 1,500 GB of Data Transfer. After that it is \$.24 per GB. Discounts for multi-day and larger audience may be available. This package meets most events needs and is based upon a 1500 kbps stream with a video window of 640 x 480. HD (additional setup costs) and other qualities of a stream are supported.

If you have any other questions, please feel to contact GNTV at:

David Wood
GNTV Media Ministry
P.O. Box 2637, Macon, GA 31203
2525 Beech Ave, Macon, GA 31204
478-745-2366 - www.gntv.info <<http://www.gntv.info>>
david@gntv.info